

1040 U.S. PTO  
10/60/01

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JC996 U.S. PTO  
09/780179  
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09/780179  
02/09/01

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Bocket No. : 33841/LTR/B600  
Inventors : Thomas J. Quigley et al.  
Title : ROBUST TECHNIQUES FOR OPTIMAL UPSTREAM  
COMMUNICATION BETWEEN CABLE MODEM SUBSCRIBERS AND  
A HEADEND  
Express Mail Label No. : EL366428393US

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Date: February 9, 2001

1.  FEE TRANSMITTAL FORM (*Submit an original, and a duplicate for fee processing.*)

2. IF A CONTINUING APPLICATION

This application is a continuation of patent application No. 09/574,558 filed May 19, 2000 and all others listed in the cross-reference to related applications.

Prior application information: Examiner not known; Group Art Unit: 2739

This application claims priority pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4), to provisional Application No. .

3. APPLICATION COMPRISED OF

Specification

147 Specification, claims and Abstract (total pages)

Drawings

82 Sheets of drawing(s) (FIGS. 1 to 90B)

Declaration and Power of Attorney

Newly executed  
 Unexecuted declaration  
 Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional)

4.  Microfiche Computer Program (*Appendix*)

5.  Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)

Computer Readable Copy  
 Paper Copy (identical to computer copy)  
 Statement verifying identity of above copies

6. APPLICANT(S) STATUS UNDER 37 CFR § 1.27

Applicant(s) and any others associated with it/them under § 1.27(a) are a SMALL ENTITY

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Only for new nonprovisional applications under 37 CFR 1.53(b))**

Docket No.: 33841/LTR/B600

**7. ALSO ENCLOSED ARE**

- Preliminary Amendment
- A Petition for Extension of Time for the parent application and the required fee are enclosed as separate papers
- An Assignment of the invention with the Recordation Cover Sheet and the recordation fee are enclosed as separate papers
- This application is owned by Broadcom Corporation pursuant to an Assignment recorded at Reel 011049, Frame 0482
- Information Disclosure Statement (IDS)/PTO-1449
  - Copies of IDS Citations
  - Certified copy of Priority Document(s) (*if foreign priority is claimed*)
  - English Translation Document (*if applicable*)
- Return Receipt Postcard (MPEP 503) (should be specifically itemized).
- Other

**8. CORRESPONDENCE ADDRESS**

**CHRISTIE, PARKER & HALE, LLP, P.O. BOX 7068, PASADENA, CA 91109-7068**  
Customer Number: 23363

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



LeRoy T. Rahn  
Reg. No. 20,356  
626/795-9900

LTR/amb

**FEE TRANSMITTAL  
UTILITY PATENT APPLICATION**

**DATE: February 9, 2001**

Docket No. : 33841/LTR/B600  
Inventors : Thomas J. Quigley et al.  
Title : ROBUST TECHNIQUES FOR OPTIMAL UPSTREAM COMMUNICATION  
BETWEEN CABLE MODEM SUBSCRIBERS AND A HEADEND

**FEE DETERMINATION**

CLAIMS AS FILED					
	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY RATE	LARGE ENTITY RATE	Fee
TOTAL CLAIMS	42+53 - 20	75	x \$9.00	75 x \$18.00	\$1,350.00
INDEPENDENT CLAIMS	4 - 3	1	x \$40.00	1 x \$80.00	\$80.00
MULTIPLE-DEPENDENT CLAIMS FEE			\$135.00	\$270.00	\$270.00
BASIC FEE			\$355.00	\$710.00	\$710.00
				TOTAL FILING FEE	\$2,410.00

List Independent Claims: 1, 16, 17 and 36

**METHOD OF PAYMENT**

Payment Enclosed: Check for \$2,410.00

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A duplicate copy of this sheet is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



LeRoy T. Rahn  
Reg. No. 20,356  
626/795-9900